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JC892 U.S. PTO  
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PATENT  
Sprint Docket No.: 1437  
Express Mail Label No.: EL331136390US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Box Patent Application  
Assistant Commissioner for Patents  
Washington, D.C. 20231

NEW APPLICATION TRANSMITTAL  
(35 U.S.C. § 111 AND 37 CFR § 1.53)

Transmitted herewith for filing is the patent application of

Inventor(s): Walter F. Rausch, Anthony A. Panella, Michael P. Denny, Harry W. Perlow, and  
Bryan H. Scott

For (title): FIBER LNB

1. Type of Application

- original
- design
- plant
- divisional
- continuation
- continuation-in-part (C-I-P)

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CERTIFICATE UNDER 37 C.F.R. § 1.8 and § 1.10

I hereby certify that, on the date shown below, this correspondence is being

- deposited with the United States Postal Service in an envelope addressed to Box Patent Application, Assistant Commissioner for Patents, Washington, D.C. 20231 with sufficient postage:

MAILING

- 37 C.F.R. § 1.8
- as first class mail.

37 C.F.R. § 1.10

- as "Express Mail Post Office to Addressee"  
EXPRESS MAIL LABEL NO.EL331136390US

FACSIMILE TRANSMISSION

- transmitted by facsimile to the Patent and Trademark Office.

Wendy Precht  
Name of Depositor

  
Signature

11/22/00  
Date

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**2. Benefit of Prior U.S. Application(s) (35 USC 120)**

The new application being transmitted claims the benefit of prior U.S. application(s) and enclosed are ADDED PAGES FOR NEW APPLICATION TRANSMITTAL WHERE BENEFIT OF PRIOR U.S. APPLICATION(S) CLAIMED.

**3. Papers Enclosed Which Are Required For Filing Date Under 37 CFR 1.53(b) (Regular) or 37 CFR 1.153 (Design) Application**

|           |                                |
|-----------|--------------------------------|
| <u>27</u> | Pages of specification         |
| <u>16</u> | Pages of claims                |
| <u>1</u>  | Page of abstract               |
| <u>9</u>  | Pages of Declaration           |
| <u>3</u>  | Sheets of drawings (Figs. 1-3) |

identifying information has been placed on the back of each sheet of drawings.  
(complete the following, if applicable)

The enclosed drawing(s) are photograph(s), and there is also attached a "PETITION TO ACCEPT PHOTOGRAPH(S) AS DRAWING(S)." 37 C.F.R. 1.84(b).

**4. Additional papers enclosed**

Preliminary Amendment  
 Information Disclosure Statement (37 CFR 1.98)  
 Form PTO-1449 (Modified) and    cited references  
 Citations  
 Declaration of Biological Deposit  
 Submission of 'Sequence Listing,' computer readable copy and/or amendment pertaining thereto for biotechnology invention containing nucleotide and/or amino acid sequence.  
 Authorization of Attorney(s) to Accept and Follow Instructions from Representative  
 Special Comments  
 Pre-addressed postal card  
 Power of Attorney by Assignee of Entire Interest

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**5. Declaration or oath**

Enclosed

executed by (*check all applicable boxes*)

- inventor(s).
- legal representative of inventor(s). 37 CFR 1.42 or 1.43
- joint inventor or person showing a proprietary interest on behalf of inventor who refused to sign or cannot be reached.
- this is the petition required by 37 C.F.R. § 147 and the statement required by 37 C.F.R. § 147 is attached.
- Not Enclosed
- Application is made by a person authorized under 37 CFR 1.41(c) on behalf of *all the above-named inventor(s)*. (The declaration or oath, along with the surcharge required by 37 CFR 1.16(e), can be filed subsequently.)

**6. Assignment**

- An assignment of the invention to Sprint Communications Company L.P.
  - was filed on \_\_\_\_\_ and recorded \_\_\_\_\_, reel \_\_\_\_\_, frame \_\_\_\_\_.
  - is attached.
  - will follow.
- A separate Recordation Form Cover Sheet or Form PTO-1619 is attached.

**7. Fee Calculation (37 CFR 1.16)**

A.  Regular Application

**CLAIMS AS FILED**

| Number filed | Number Extra | Rate | Basic Fee<br>37 CFR 1.16(a)<br>\$710.00 |
|--------------|--------------|------|---|
|              |              |      |   |

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|  |         |              |           |
|--|---------|--------------|-----------|
| Total Claims<br>(37 CFR 1.16(c))                     | 68 - 20 | 48 x \$18.00 | \$ 864.00 |
| Independent Claims<br>(37 CFR 1.16(b))               | 11 - 3  | 8 x \$80.00  | \$ 640.00 |
| Multiple dependent claim(s), if any (37 CFR 1.16(d)) |         | 0 x \$260.00 | \$ 0.00   |

- Amendment canceling extra claims enclosed.
- Amendment deleting multiple-dependencies enclosed.
- Fee for extra claims is not being paid at this time.

Filing Fee Calculation \$ 2,214.00

**8. Small Entity Statement(s)**

- Verified Statement(s) that this is a filing by a small entity under 37 CFR 1.9 and 1.27
  - is (are) attached.
  - will follow.

Filing Fee Calculation (50% of A, B, or C above) \$ 0.00

**9. Fee Payment Being Made At This Time**

- Not Enclosed
  - No filing fee is to be paid at this time.
- Enclosed
  - basic filing fee \$ 2,214.00
  - recording assignment (\$40.00; 37 CFR 1.21(h)) (See attached)  
Recordation Form Cover Sheet or Form PTO-1619 \$ 40.00
  - petition fee for filing by other than all the inventors or person on behalf of the inventor where inventor refused to sign or cannot be reached (\$130.00; 37 CFR 1.47 and 1.17(h)) \$ \_\_\_\_\_
  - for processing an application with a

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|   |                           |
|---|---------------------------|
| specification in a non-English language.<br>(\$130.00; 37 CFR 1.52(d) and 1.17(k))              | \$ _____                  |
| <input type="checkbox"/> processing and retention fee<br>(\$130.00; 37 CFR 1.53(d) and 1.21(l)) | \$ _____                  |
| <input type="checkbox"/> fee for international-type search report<br>(\$40.00; 37 CFR 1.21(e))  | \$ _____                  |
| <b>Total fees enclosed</b>  | <b><u>\$ 2,254.00</u></b> |

**10. Method of Payment of Fees**

- Check(s) in the amount(s) of \$ 0.00
- Charge Account No. 21-0765 in the amount of \$2,178.00.  
A duplicate of this transmittal is attached.

**11. Authorization to Charge Additional Fees**

- The Commissioner is hereby authorized to charge the following additional fees by this paper and during the entire pendency of this application to Account No. 21-0765:
  - 37 CFR 1.16(a), (f) or (g) (filing fees).
  - 37 CFR 1.16(b), (c) and (d) (presentation of extra claims).
  - 37 CFR 1.16(e) (surcharge for filing the basic filing fee and/or declaration on a date later than the filing date of the application).
  - 37 CFR 1.17 (application processing fees).
  - 37 CFR 1.18 (issue fee at or before mailing of Notice of Allowance, pursuant to 37 CFR 1.311(b)).

**12. Instructions As To Overpayment**

- credit Account No. 21-0765.
- refund.

**13. Incorporation by reference of added pages**

- Plus Added Pages For New Application Transmittal Where Benefit Of Prior U.S. Application(s) Claimed

Number of pages added \_\_\_\_\_

DRAFT FEB 2000

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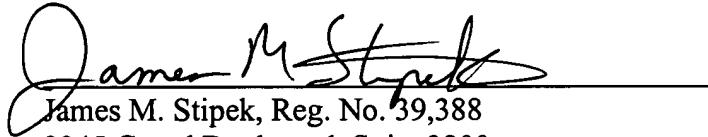
- Plus Added Pages For Papers Referred To In Item 4 Above  
Number of pages added \_\_\_\_\_
- Plus "Assignment Cover Letter Accompanying New Application"  
Number of pages added \_\_\_\_\_

**14.  Statement Where No Further Pages Added**

- This transmittal ends with this page.

Respectfully submitted,

LATHROP & GAGE, L.C.



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ATTORNEY OF RECORD

09718342 112200

**CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)**

Applicant(s): Rausch et al.

Docket No.

1437

| Serial No.       | Filing Date | Examiner         | Group Art Unit   |
|------------------|-------------|------------------|------------------|
| Not Yet Assigned | Herewith    | Not Yet Assigned | Not Yet Assigned |

Invention: FIBER LNB

I hereby certify that this New Application Transmittal (6 pages; in duplicate), New Patent Application (27 pages of specification, 16 pages of claims, 1 page of abstract, and 3 sheets of drawings, (Figs. 1-3); Combined Declaration and Power of Attorney (9 pages); Assignment (6 pages); Power of Attorney by Assignee of Entire Interest (3 pages; copy of Assignment attached); and a pre-addressed postcard are being mailed in an envelope addressed to: Box Patent Application, Assistant Commissioner for Patents, Washington, D.C. 20231 on this 22nd day of November, 2000.

Wendy Precht*(Typed or Printed Name of Person Mailing Correspondence)*  
*(Signature of Person Mailing Correspondence)*Express Mail No. EL331136390US*("Express Mail" Mailing Label Number)*

DOCUMENT NUMBER 250